



# 4

FORM PTO-1449(Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: B0192/7013(ERP)	SERIAL NO.: 09/550,107
	APPLICANT: Philippe Verwaerde et al.	
	FILING DATE: April 14, 2000	GROUP: <del>1643</del> 1675

## U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate


## FOREIGN PATENT DOCUMENTS

		Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes No
B2	B1	WO 90/09096	08/23/90	Cambridge Neuroscience Research, Inc.			
	B2	WO 96/38555	12/05/96	Thierry Bogaert et al.			
	B3	WO 98/53856	12/03/98	The General Hospital Corporation			
B2	B4	WO 99/02652	01/21/99	The General Hospital Corporation			

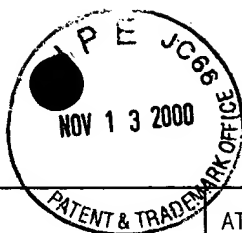
## OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

B2		C1	Alexander Kraev et al., "Identification and Functional Expression of the Plasma Membrane Calcium ATPase Gene Family From <i>Caenorhabditis elegans</i> ," J. Biol. Chem. (1999), Vol. 274, No. 7, pgs. 4254-4258.

EXAMINER: 	DATE CONSIDERED: 3/3/07
---	-------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant



Attach to paper no. 7

FORM PTO-1449(Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: B0192/7013(ERP)	SERIAL NO.: 09/550,107
	APPLICANT: Philippe Verwaerde et al.	
	FILING DATE: April 14, 2000	GROUP: <del>1543</del> 1631

#### U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate

#### FOREIGN PATENT DOCUMENTS

	Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes No

#### OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

BW	C2 ✓	Arai, Masashi et al., "Alterations in Sarcoplasmic Reticulum Gene Expression in Human Heart Failure," <i>Circulation Research</i> (1993) Vol. 72, No. 2, pgs. 463-469.
	C3 ✓	Arai, Masashi, "Function and Regulation of Sarcoplasmic Reticulum Ca <sup>2+</sup> -ATPase," <i>Jpn. Heart J.</i> (2000), Vol. 41, No. 1, pgs. 1-13.
	C4 ✓	Del Monte, Federica et al., "Restoration of Contractile Function in Isolated Cardiomyocytes from Failing Human Hearts by Gene Transfer of SERCA1a," <i>Circulation</i> (1999), 100:2308-2311.
	C5 ✓	Kiriazis, Helen et al., "Genetically Engineered Models with Alterations in Cardiac Membrane Calcium-Handling Proteins," <i>Annu. Rev. Physiol.</i> (2000), 62:321-51.
	C6 ✓	MacLennan, David et al., "Minireview: The Mechanism of Ca <sup>2+</sup> -ATPases," <i>J. Biol. Chem.</i> (1997), 272:28815-28818.
	C7 ✓	Miyamoto, Michael et al., "Adenoviral Gene Transfer of SERCA2a Improves Left-Ventricular Function in Aortic-Banded Rats in Transition to Heart Failure," <i>PNAS</i> (2000), Vol. 97, No. 2, pgs. 793-798.
	C8 ✓	Moller, Jesper et al., "Structural Organization, Ion Transport, and Energy Transduction of P-Type ATPases," <i>Biochimica et Biophysica Acta</i> (1996) 1286, pgs. 1-51.
	C9 ✓	Odermatt, Alex et al., "Mutations in the Gene-Encoding SERCA1, the Fast-twitch Skeletal Muscle Sarcoplasmic Reticulum Ca <sup>2+</sup> ATPase, are Associated with Brody Disease," <i>Nature Genetics</i> (1996) 14(2):191-4.
	C10 ✓	Sakuntabhai, Anavaj et al., "Mutations in ATP2A2, Encoding a Ca <sup>2+</sup> Pump, Cause Darier Disease," <i>Nature Genetics</i> (1999) Vol. 21, pgs. 271-277.
PL	C11	Schmidt, U et al., "Restoration of Diastolic Function in Senescent Rat Hearts Through Adenoviral Gene Transfer of Sarcoplasmic Reticulum Ca <sup>2+</sup> -ATPase," <i>Circulation</i> (2000), 101:790-796.

EXAMINER <i>Brian H. H.</i>	DATE CONSIDERED <i>12/20/01</i>
--------------------------------	------------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant

attach to paper no 8

<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: 09/550,107		ATTY. DOCKET NO.: D0590/7005	
		FILING DATE: April 14, 2000			
		APPLICANT: Philippe Verwaerde et al.			
		GROUP ART UNIT: <sup>1635</sup> <del>Not yet assigned</del>		EXAMINER: Not yet assigned	
Sheet	1	of	2		

**U.S. PATENT DOCUMENTS**

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYY
		Number	Kind Code		
PL	A1	4,444,891	A	Johji, Miwa et al. <sup>class subclass</sup> 436 2	

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
PL	B5	WO	00 34438	A		06-15-2000	
	B6	WO	98 51351	A		11-19-1998	
	B7	WO	97 11956	A		04-03-1997	
	B8	WO	99 05307	A		02-04-1999	
	B9	WO	99 02654	A		01-21-1999	
DL	B10	WO	98 54300	A		12-03-1998	

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
DL	C12	RAND, J.B. et al. "Genetic Pharmacology: Interaction Between Drugs and Gene Products in Caenorhabditis Elegans", <i>Methods in Cell Biology</i> , 1995, pp. 187-204, Vol. 48(8)	
	C13	LEITCH, G.J. et al. "Use of a Fluorescent Probe to Assess the Activities of Candidate Agents Against Intracellular Forms of Encephalitozoon Microsporidia", <i>Antimicrobial Agents and Chemotherapy</i> , 1997, pp. 337-344, Vol. 41	
	C14	BERNHARD, J.M. et al. "Towards a Non-Terminal Viability Assay for Foraminiferan Protists", <i>Journal of Eukaryotic Microbiology</i> , 1995, pp. 357-367, Vol. 42 (Abstract)	
	C15	RIDDLE, D.L. et al. "Responses of the Plant Parasitic Nematodes Rotylenchulus-Reniformis Anguina-Agrostis and Meloidogyne-Javanica to Chemical Attractants", <i>Parasitology</i> , 1985, pp. 185-195, Vol. 91(1)	
	C16	CASTRO, C.E. et al. "Quantitative Bioassay for Chemotaxis With Plant Parasitic Nematodes Attractant and Repellent Fractions for Meloidogyne-Incognita From Cucumber Roots", <i>Journal of Chemical Ecology</i> , 1989, pp. 1297-1310, Vol. 15(4)	
	C17	BALAN, J. "Measuring Minimal Concentrations of Attractants Detected by the Nematode Panagrellus Redivivus", <i>J. Chem. Ecol.</i> , 1985, pp. 105-111, Vol. 11(1)	
	C18	AVERY, L. et al. "Effects of Starvation and Neuroactive Drugs on Feeding in Caenorhabditis Elegans", <i>Journal of Experimental Zoology</i> , 1990, pp. 263-270, Vol. 253	
	C19	LAUGHTON, D.L. et al. "Reporter Gene Constructs Suggest that the Caenorhabditis Elegans Avermectin Receptor Beta-Subunit is Expressed Solely in the Pharynx", <i>Journal of Experimental Biology</i> , 1997, pp. 1509-1514, Vol. 200	
	C20	BROWNLEE, D.J. et al. "Actions of the Anthelmintic Ivermectin on the Pharyngeal Muscle of the Parasitic Nematode, Ascaris Suum", <i>Parasitology</i> , November 1997, pp. 553-561, Vol. 115(5)	
DL	C21	BENNETT, J.L. et al. "Micromotility Meter an Instrument Designed to Evaluate the Action of Drugs on Motility of Larval and Adult Nematodes", <i>Parasitology</i> , 1986, pp. 341-346, Vol. 93(2)	
	C22	DAS, A.K. et al. "Simple Micromotility Recorder for Rapid Screening of Potentially Anthelmintic Compounds", <i>Journal of Pharmacological Methods</i> , 1988, pp. 323-328, Vol. 20(4)	
PL	C23	LORIMER, S.D. et al. "A Nematode Larval Motility Inhibition Assay for Screening Plant Extracts and Natural Products", <i>Journal of Agricultural and Food Chemistry</i> , 1996, pp. 2842-2845, Vol. 44(9)	
PL	C24	HOLLO, Z. et al. "Calcein Accumulation as a Fluorometric Functional Assay of the Multidrug Transporter", <i>Biochimica Et Biophysica Acta</i> , 1994, pp. 384-388, Vol. 1191	

<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: 09/550,107	ATTY. DOCKET NO.: D0590/7005
		FILING DATE: April 14, 2000	
		APPLICANT: Philippe Verwaerde et al.	
		GROUP ART UNIT: <del>Not yet assigned</del> <sup>1635</sup>	EXAMINER: Not yet assigned
Sheet	2	of	2

DW	C25	TRAUNSPURGER, W. et al. "Ecotoxicological Assessment of Aquatic Sediments with Caenorhabditis Elegans (Nematoda): A Method for Testing Liquid Medium and Whole-Sediment Samples", <i>Environmental Toxicology and Chemistry</i> , 1997, pp. 245-250, Vol. 16(2)		
<	C26	<del>WHITEHEAD, A.G. et al. "Variation in the Development of Stem Nematodes Ditylenchus-Dipsaci in Susceptible and Resistant Crop Plants", <i>Annals of Applied Biology</i>, 1987, pp. 373-384, Vol. 111(2) (Abstract)</del>		
BL	C27	RAIZEN, D.M. et al. "Interacting Genes Required for Pharyngeal Excitation by Motor Neuron MC in Caenorhabditis Elegans", <i>Genetics</i> , December 1995 pp. 1365-1382, Vol. 141		
	C28	<del>JENKINS, D.C. et al. "The Aggregation Response of Trichostrongylus-Colubriiformis A Basis for the Rapid Interpretation of In-Vitro Anthelmintic Screens", <i>Parasitology</i>, 1986, pp. 531-538, Vol. 93(3)</del>		
BL	C29	SANON, A. et al. "Kinetic Parameters of N-Acetylglucosaminidase in Adult Female Nippostrongylus Brasiliensis by a Quantitative Colorimetric Micromethod", <i>Parasite</i> , 1996, pp. 115-118, Vol. 3(2)		
BL	C30	ROGERS, W.P. "Enzymes in the Exsheathing Fluid of Nematodes and Their Biological Significance", <i>International Journal for Parasitology</i> , 1982, pp. 495-502, Vol. 12(6) (Abstract)		
	C31	BONE, L.W. et al. "Egg Enzymes of the Ruminant Nematode Trichostrongylus-Colubriiformis", <i>International Journal of Invertebrate Reproduction and Development</i> , 1988, pp. 299-302, Vol. 14(2-3)		
	C32	THOMPSON, D.P. "Prospects for Rational Approaches to Anthelmintic Discovery", <i>Parasitology</i> , 1996 Suppl., pp. S217-S238, Vol. 113(Suppl.)		
BL	C33	MAULE, A.G. et al. "Nematode FMRFamide-Related Peptide (FaRP)-Systems: Occurrence, Distribution and Physiology", <i>International Journal for Parasitology</i> , 1996, pp. 927-936, Vol. 26(8-9)		

EXAMINER <i>Brian J. Herman</i>	DATE CONSIDERED <i>12/20/01</i>
------------------------------------	------------------------------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).